

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-23. (Canceled).

24. (Currently Amended) A method for controlling data transmissions in the uplink of a Universal Mobile Telecommunication System (UMTS), wherein a hybrid automatic repeat request (HARQ) protocol with synchronous retransmissions from a user equipment mobile station to a Node B base station via an uplink data channel is used, and wherein the Node B base station performs:

receiving a data packet from the user equipment mobile station,

determining whether the data packet has been successfully decoded,

if it has been determined that the data packet has not been successfully decoded,

transmitting a feedback message to the user equipment mobile station, wherein the feedback message triggers a synchronous retransmission transmission of a retransmission data packet for said received data packet from the user equipment mobile station, and

scheduling uplink data transmissions of a plurality of user equipments mobile stations, by transmitting a common control message to the plurality of user equipments mobile stations, wherein the common control message restricts the Transmission Format Combination Subset (TFCS) transmission format combination subset of each of the plurality of user equipments

~~mobile stations~~ to thereby set a maximum uplink resource common to the plurality of user equipments ~~mobile stations~~ that each of the plurality of user equipments ~~mobile stations~~ is allowed to utilize for uplink transmissions on the uplink data channel.

25. (Previously Presented) The method according to claim 24, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via a control channel.

26. (Previously Presented) The method according to claim 25, wherein the information in said feedback messages is sent simultaneously with scheduling related control information.

27. (Previously Presented) The method according to claim 26, wherein the feedback messages and scheduling related control signaling are sent on the same channelization code.

28. (Currently Amended) A Node B base station for controlling uplink data transmissions in the uplink of a universal mobile telecommunications system (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a user equipment ~~mobile station~~ to a Node B base station via an uplink data channel, the Node B base station comprising:

a receiver operable to receive a data packet from the user equipment ~~mobile station~~,  
a determining unit operable to determine whether the data packet has been successfully decoded,

a transmitter operable to transmit a feedback message to the user equipment mobile station, if it has been determined that the data packet has not been successfully decoded, wherein the feedback message triggers a synchronous retransmission transmission of a retransmission data packet for said received data packet from the user equipment mobile station, and a scheduler operable to schedule data transmissions of a plurality of user equipments mobile stations, by causing transmission of a common control message to the plurality of user equipments mobile stations, wherein the common control message restricts the Transmission Format Combination Subset (TFCS) transmission format combination subset of each of the plurality of user equipments mobile stations to thereby set a maximum uplink resource common to the plurality of user equipments mobile stations that each of the plurality of user equipments mobile stations is allowed to utilize for uplink transmissions on the uplink data channel.

29. (Currently Amended) The Node B base station according to claim 28, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

30. (Currently Amended) The Node B base station according to claim 29, wherein the information in said feedback messages is combined with scheduling related control information and is jointly encoded.

31. (Currently Amended) The Node B base station according to claim 30, wherein the feedback messages and scheduling related control signaling are sent on the same channelization code.

32. (Currently Amended) A method for controlling uplink data transmissions in the uplink of a Universal Mobile Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a user equipment mobile station to a Node B base station via an uplink data channel, and wherein the user equipment mobile station performs:

transmitting a data packet to the Node B base station via the uplink data channel,  
receiving a feedback message from the Node B base station and a common control message,

synchronously retransmitting the data packet to the Node B base station after a fixed time span upon having received said feedback message, and

restricting the Transmission Format Combination Subset (TFCS) ~~transmission format combination subset~~ of the mobile terminal to thereby set a maximum uplink resource according to the common control message.

33. (Previously Presented) The method according to claim 32, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

34. (Previously Presented) The method according to claim 33, wherein the information in said feedback messages is simultaneously received with scheduling related control information.

35. (Previously Presented) The method according to claim 34, wherein the feedback messages and scheduling related control signaling are received on the same channelization code.

36. (Currently Amended) A mobile terminal for use in a Universal Mobile Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a user equipment mobile station to a Node B base station via an uplink data channel, the mobile terminal comprising:

a transmitter operable to transmit a data packet to the Node B base station via the uplink data channel,

a receiver operable to receive a feedback message from the Node B base station and a common control message,

wherein the transmitter is operable to synchronously retransmit the data packet to the Node B base station after a fixed time span upon having received said feedback message, and a restricting unit operable to restrict the Transmission Format Combination Subset (TFCS) transmission format combination subset of the mobile terminal to thereby set a maximum resource according to the common control message.

37. (Previously Presented) The mobile terminal according to claim 36, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

38. (Previously Presented) The mobile terminal according to claim 37, wherein the information in said feedback messages is simultaneously received with scheduling related control information.

39. (Previously Presented) The mobile terminal according to claim 38, wherein the feedback messages and scheduling related control signaling are received on the same channelization code.

40. (Currently Amended) A wireless communication system comprising a user equipment ~~mobile terminal~~ according to claim 36 and a Node B ~~base station~~, wherein the communication system is a Universal Mobile Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol with synchronous retransmission is used to retransmit data from the user equipment ~~mobile terminal~~ to the Node B ~~base station~~ via a data channel, and the Node B ~~base station~~ comprises:

a receiver operable to receive a data packet from the user equipment ~~mobile terminal~~,  
a determining unit operable to determine whether the data packet has been successfully decoded,

a transmitter operable to transmit a feedback message to the user equipment mobile terminal, if it has been determined that the data packet has not been successfully decoded, wherein the feedback message indicates to the user equipment mobile terminal to retransmit transmit a retransmission data packet for said received data packet after a predetermined time span upon having received said feedback message, and

a scheduler operable to schedule data transmissions of a plurality of user equipments mobile stations by causing transmission of a common control message to the plurality of user equipments mobile stations, wherein the common control message restricts the Transmission Format Combination Subset (TFCS) transmission format combination subset of each of the plurality of user equipments mobile stations to determine a maximum resource common to the plurality of user equipments mobile stations.